Lifting Solutions Group
Axel Johnson International

# Aluminum Lever Hoist Powertex PALH-S1

**Product information**



Extremely small and lightweight aluminum lever hoist. It weighs only approximately 50% of a similar standard lever hoist. The hoist can be used for lifting as well as pulling. 250 kg-750 kg hoists are delivered with a handy carrying/belt bag.

**Features:**

- Safe - Each hoist is dynamic proof load tested 1,5 x WLL before leaving the factory
- Compact, lightweight construction with aluminum covers
- Durable construction with powder coated finish and plated frame parts
- Lever hoist is chromium 6 free
- Sealed bearings inside maximize efficiency and serviceability.
- Sprocket wheel surface treated against wear and corrosion
- Safe and well covered automatic load reaction break
- Equipped with double brake pawls
- Fine calibrated Electro Galvanized (European made) load chain for smooth operation
- Swivel hooks at both ends makes in line positioning easy
- Hooks are designed to open at overload instead of breaking
- Hooks fitted with heavy duty steel safety latches
- Hook have Deformation Check Dots forged into side for overload detection
- RFID equipped (chip) for easy service and inspection
- QR code for on-site access to Multilanguage user manuals
- Test certificate and Declaration of Conformity enclosed with each h

... *Read more*

**Material:** Durable aluminium/steel construction, rubber handle
**Marking:** According to standard, CE-mark, Powertex, Model, WLL, Chain type , Serial number, User manual/QR code
**Temperature range:** -10°C up to +50°C
**Finish:** White powder coated body, side plate assembly and hooks black powder coated
**Standard:** EN 13157, EN 818-7

**Safety factor:** 4:1

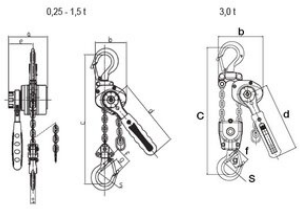
**Mennens Nederland**
website@mennens.nl
+31 (0)10 4373033

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## Blueprint




## Technical data

| Part code | WLL ton | Lifting height m | Number of falls | Model | Load chain mm | Hand force max. kg | a mm | b mm | c mm | d mm | e mm | f mm | g mm | s mm | t mm | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 500500030150460 | 0.25 | 1.5 | 1 | PALH-S1/250KG | 3 x 9 | 29 | 87 | 68 | 200 | 145 | 55.5 | 35.5 | 21 | 32 | 11 | 1.45 |
| 500500030300460 | 0.25 | 3 | 1 | PALH-S1/250KG | 3 x 9 | 29 | 87 | 68 | 200 | 145 | 55.5 | 35.5 | 21 | 32 | 11 | 1.95 |
| 500500050150460 | 0.5 | 1.5 | 1 | PALH-S1/500KG | 4 x 12 | 27 | 100.5 | 81 | 250 | 160 | 62.5 | 42 | 24.5 | 34.5 | 12 | 2.5 |
| 500500050300460 | 0.5 | 3 | 1 | PALH-S1/500KG | 4 x 12 | 27 | 100.5 | 81 | 250 | 160 | 62.5 | 42 | 24.5 | 34.5 | 12 | 3.3 |
| 500500080150460 | 0.75 | 1.5 | 1 | PALH-S1/750KG | 5 x 15 | 33 | 105 | 92 | 260 | 180 | 64 | 42 | 28.5 | 35.5 | 14 | 3.4 |
| 500500080300460 | 0.75 | 3 | 1 | PALH-S1/750KG | 5 x 15 | 33 | 105 | 92 | 260 | 180 | 64 | 42 | 28.5 | 35.5 | 14 | 4.3 |
| 500500150150460 | 1.5 | 1.5 | 1 | PALH-S1/1500KG | 7,1 x 20,1 | 42 | 122 | 109 | 330 | 220 | 68.5 | 52 | 35 | 42.5 | 21.5 | 6.27 |
| 500500150300460 | 1.5 | 3 | 1 | PALH-S1/1500KG | 7,1 x 20,1 | 42 | 122 | 109 | 330 | 220 | 68.5 | 52 | 35 | 42.5 | 21.5 | 8.2 |
| 500500300150460 | 3 | 1.5 | 2 | PALH-S1/3000KG | 7,1 x 20,1 | 43 | 122 | 160 | 432 | 220 | 68.5 | 61.9 | 43 | 50 | 24.5 | 9.11 |
| 500500300300460 | 3 | 3 | 2 | PALH-S1/3000KG | 7,1 x 20,1 | 43 | 122 | 160 | 432 | 220 | 68.5 | 61.9 | 43 | 50 | 24.5 | 12.4 |

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